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(c) 2005 The Gale Group
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(c) 2004 United Business Media
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(c) 2005 Thomson & Thomson
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(c) 2005 McGraw-Hill Companies Inc
File 139:EconLit 1969-2005/Apr
(c) 2005 American Economic Association

Set	Items	Description
S1	4094	WEB()SERVER() (FARM OR FARMS OR CLUSTER?) OR WSF

S2	561555	(AUCTION? OR DUTCHAUCTION? OR (DUTCH OR REVERSE OR ENGLISH-) (AUCTION?))
S3	416653	SERVICE?(5N) (LEVEL OR LEVELS OR HIEARCH? OR TIER?)
S4	477140	(PRICE? OR PRICING OR COST OR COSTS OR PAYMENT?) (5N) (LEVEL OR LEVELS OR HIEARCH? OR TIER?)
S5	0	S1(5N)S2
S6	26	S1 AND S2
S7	2	S6 AND (S3 OR S4)
S8	2	RD (unique items)

8/3,K/1 (Item 1 from file: 16)
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07393652 Supplier Number: 62061145 (USE FORMAT 7 FOR FULLTEXT)
Drupa 2000 Preview: Industry Trends And Our Guide to the Exhibits.
The Seybold Report on Publishing Systems, pNA
May 8, 2000
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 47334

... become the most complete service, Myfujifilm.com. It will combine portal services with commerce services: **auctions**, online shopping and production management. What remains to be seen is whether it can rise... administration. It also provides automated content tagging and categorization, XML support, secure deployment to Web **server - farms** and automated content lifecycle management. Direct support for SAP and Lotus Notes integration is built in...but Fuji will manufacture the new units in the UK, which may prevent the prices **from** reaching the levels of low-end models that are manufactured in the Far East, such as the new F4...

...journals, interactive user forums, etc.

* E-trade and services-automated order processing, online shopping, auctions, **software** services, remote diagnostics, and other items.

Fuji will work closely with Media-Bridge Technologies in...Graph Expo last fall, is an entry-level scanner intended to bring a new level of price- **performance** to the professional market: \$6,995 price, 3.7 Dmax and 2,400-ppi maximum...

8/3,K/2 (Item 2 from file: 16)
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07055304 Supplier Number: 58531522 (USE FORMAT 7 FOR FULLTEXT)
AMERICAN COMPANIES IN JAPAN.
Japan-U.S. Business Report, n360, pNA
Sept, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 17751

... record to lease hardware from mainstream leasing companies. At least one company that plans to **auction** used cars over the Internet already has taken advantage of HP Japan's new service...latest in processor technology and high-performance 2D and 3D graphics solutions with afford-able **pricing**. For jobs that require entry- **level** 3D graphis using the Professional Workstations AP200 and AP400, the company switched its basic offering...reduces equipment space and helps to improve operational efficiency in such places as data centers, **Web server farms** and customer service operations. Pricing ranges from \$480 to \$11,100.

The ultimate in consumer...performance, durability, reliability, cost and emissions.

PHOTO EQUIPMENT AND COPIERS

Seemingly determined to cover all **price** points and **levels** of sophistication in the digital camera market, EASTMAN KODAK CO.'s subsidiary is marketing a...

...LTD. 3G is a next-generation wireless technology that is expected to

deliver wireless voice **services** with the same quality **levels** of wireline telephony. That capability will bring the speed and the capacity needed to support...a deal with NTT-ME INFORMATION XING, INC. to provide access to its on-line **auction** system via the NIPPON TELEGRAPH AND TELEPHONE CORP. subsidiary's Goo Web portal. Goo...

...two portal in Japan. NTT-X expects access to San Jose, California-based eBay's **auction** system to boost this number. This is eBay's initial entry into the Japanese market...

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 (c)2005 The Gale Group
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 (c) 1999 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2005/Apr 28
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 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Apr 28
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 File 636:Gale Group Newsletter DB(TM) 1987-2005/Apr 28
 (c) 2005 The Gale Group
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 File 15:ABI/Inform(R) 1971-2005/Apr 28
 (c) 2005 ProQuest Info&Learning
 File 20:Dialog Global Reporter 1997-2005/Apr 28
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 File 476:Financial Times Fulltext 1982-2005/Apr 28
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 File 610:Business Wire 1999-2005/Apr 28
 (c) 2005 Business Wire.
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 (c) 2005 PR Newswire Association Inc
 File 624:McGraw-Hill Publications 1985-2005/Apr 28
 (c) 2005 McGraw-Hill Co. Inc
 File 634:San Jose Mercury Jun 1985-2005/Apr 27
 (c) 2005 San Jose Mercury News
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
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 (c) 2005 The Dialog Corp.
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 (c) 2005 Reed Business Information Ltd.
 File 484:Periodical Abs Plustext 1986-2005/Apr W4
 (c) 2005 ProQuest
 File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS
 File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
 (c) 2005 The HW Wilson Co

Set	Items	Description
S1	4258	WEB()SERVER() (FARM OR FARMS OR CLUSTER?) OR WSF
S2	153774	SERVER?(3N) (MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS)
S3	391	S2(5N) (ISP OR INTERNET()SERVICE()PROVIDER?)
S4	58475	COLLOCATION? OR CO()LOCATION?
S5	99182	(ONLINE OR ON()LINE OR AUTOMAT? OR COMPUTERI? OR ELECTRONI- C?) (5N) (AUCTION? OR DUTCHAUTION? OR (DUTCH OR REVERSE OR ENG- LISH) ()AUCTION?)
S6	53729	(ONLINE OR ON()LINE OR AUTOMAT? OR COMPUTERI? OR ELECTRONI-

C?) (5N) (NEGOTIATION? OR BID OR BIDS OR BIDDING)
 S7 734394 SERVICE? (5N) (LEVEL OR LEVELS OR HIEARCH? OR TIER?)
 S8 727212 (PRICE? OR PRICING OR COST OR COSTS OR PAYMENT?) (5N) (LEVEL
 OR LEVELS OR HIEARCH? OR TIER?)
 S9 62297 (S7 OR S8) (5N) (VARIOUS OR DIFFERENT OR MULTI OR MULTIPL? OR
 MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS) .
 S10 600 AU=(BANSAL, V? OR BANSAL V? OR GARG, R? OR GARG R? OR AFZU-
 LPURKAR, A? OR AFZULPURKAR A? OR SEN, S? OR SEN S?)
 S11 63035 S1 OR S3 OR S4
 S12 34 S11(S) (S5 OR S6)
 S13 7 S12 NOT PY>1999
 S14 2 RD (unique items)
 S15 155 S11(S)S9
 S16 155 S15 NOT S14
 S17 65 S16 NOT PY>1999
 S18 26 RD (unique items)
 S19 0 S10(S)S1

14/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06309100 Supplier Number: 54528157 (USE FORMAT 7 FOR FULLTEXT)
**WebVision's Network Management Solutions to Include Network Event
Management and Reporting Software from Connect Point.**
PR Newswire, p0937
May 3, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 911

... implements and hosts secure e-commerce sites, based on its leading
WEBtropolis product suite, for **online auctioning**, **bid** processing,
catalog order processing and project management. In addition, WebVision
operates Internet Data Centers, offering World Class ISP and IPP services.
WebVision's iComSuite(R) includes **co - location** services, video
conferencing, Intranet server hosting, Web server hosting, outsource
network management, disaster recovery services...

14/3,K/2 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

04482185 Supplier Number: 57484051 (USE FORMAT 7 FOR FULLTEXT)
LINX: LINX goes forth and multiplies.
M2 Presswire, pNA
Oct 27, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 486

... continued neutrality of Europe's largest exchange point by
presenting the LINX infrastructure at other **co - location** providers. The
additional sites programme will give LINX the opportunity to lead the
Internet Exchange...to provide connectivity and co-ordination between
Internet providers, but also between the increasingly influential **co -
location** providers." The invitation to **bid** is available **online** at
<http://www.linx.net/expansionsites/itb/>

BACKGROUND INFORMATION

LINX

LINX is a not-for...

?

18/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06862390 Supplier Number: 58164141 (USE FORMAT 7 FOR FULLTEXT)
**Actel Successfully Completes First Field Trial of Integral Access
PurePacket Multi-Service Platform.**

Business Wire, p1252
Dec 13, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 940

... family of access products provides competitive carriers a single, scalable, fault tolerant infrastructure for delivering **multiple services** - including voice, **tiered data services** and IP Telephony - **cost** -effectively to small and medium sized businesses. The PurePacket family includes carrier network equipment (for central office, **co - locations** and points of presence), customer-premise equipment, and a powerful operations management system. To maximize...

18/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06817155 Supplier Number: 57617807 (USE FORMAT 7 FOR FULLTEXT)
**Outsourcing Flexes Its Muscles -- Technology Advances And Business
Realities Fuel A New Generation Of Choices.(Industry Trend or Event)**

Wreden, Nick
InformationWeek, p128
Nov 15, 1999
Language: English Record Type: Fulltext Abstract
Document Type: Tabloid; General Trade
Word Count: 915

... providers, Web-host- ing and E-commerce providers, and network-integration experts, all positioned for **different** industries and offering **various levels of service** . The options for outsourcing include everything from soup-to-nuts transaction processing to **co - location** to pay-as-you-go application usage. For example, the off-site document-management services...

18/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06774407 Supplier Number: 57094745 (USE FORMAT 7 FOR FULLTEXT)
**Integral Access Executives to Address Key European Telecommunications
Conferences.**

Business Wire, p1535
Nov 2, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 593

... PurePacket(TM) provides competitive carriers a single, scalable, packet-based infrastructure for cost-effectively delivering **multiple services** - including voice, **tiered data services** and IP Telephony - to

small and medium sized businesses. To maximize the traffic carrying capacity...

...applications of the future. The PurePacket family includes carrier network equipment for Central Office (CO), **co - locations**, Points of Presence (PoP), and Multi-Dwelling Units (MDU); customer-premise equipment; and a powerful...

18/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06732237 Supplier Number: 56528019 (USE FORMAT 7 FOR FULLTEXT)
BTI Selects Solutions From Lucent Technologies and Copper Mountain for DSL Deployment in 50 Markets in the Southeast; Solutions Provide BTI Maximum Customer Coverage.
Business Wire, p0043
Oct 19, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1130

... vice president at BTI. "First, we required a flexible platform with the ability to support **multiple** DSL variants. Second, to **service** customers in our **tier** II and tier III markets, BTI needed a robust IDSL solution that could reach miles...

...solution to keep pace with our aggressive roll-out plans, leveraging our 48 existing ILEC **collocations**. Copper Mountain's equipment met all of our requirements."

"The next wave of DSL deployment...

18/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06715389 Supplier Number: 56210404 (USE FORMAT 7 FOR FULLTEXT)
Integral Access and Quante AG Partner to Deliver Multi-Service Access Systems for European Market.
Business Wire, p1023
Oct 12, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 839

... family of access products provides competitive carriers a single, scalable, fault tolerant infrastructure for delivering **multiple services** - including voice, **tiered** data **services** and IP Telephony - economically to small and medium sized businesses. The PurePacket family includes carrier network equipment (for central office and **co - location** at local exchanges), customer-premise equipment, and a powerful network management system. To maximize the...

18/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06677708 Supplier Number: 55898495 (USE FORMAT 7 FOR FULLTEXT)
**Integral Access Joins Softswitch Consortium; Developer of IP-Based
Multi-Service Access Equipment Supports Industry Effort to Link Packet
and Circuit Switched Networks.**

Business Wire, p1127

Sept 29, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 689

... family of access products provides competitive carriers a single,
scalable, fault tolerant infrastructure for delivering **multiple services**
- including voice, **tiered data services** and IP Telephony - at very low
cost to small and medium sized businesses. The PurePacket family includes
carrier network equipment (for central office, **co - locations** and points
of presence), customer-premise equipment, and a powerful network management
system. To maximize...

18/3,K/7 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06652881 Supplier Number: 55816401 (USE FORMAT 7 FOR FULLTEXT)
**American Multiplexer Corporation 'AMC' Announces a Service and Co -
location Agreement with Level 3 Communications.**

Business Wire, p0117

Sept 22, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 224

**American Multiplexer Corporation 'AMC' Announces a Service and Co -
location Agreement with Level 3 Communications.**

18/3,K/8 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06583097 Supplier Number: 55532138 (USE FORMAT 7 FOR FULLTEXT)
**BiznessOnline.com Selects Portal; BiznessOnline.com to Support Internet
Communications Services With Portal's Business Infrastructure Software.**

Business Wire, p0292

August 23, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 516

... com's full line of Internet communications services. Infranet
enables BiznessOnline.com to offer customized **pricing** plans for **various
levels** and combinations of high-speed access, dial-up access, e-commerce
and **co - location** services in different regions.

Infranet's real-time flexible technology also allows
BiznessOnline.com to...

18/3,K/9 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05957163 Supplier Number: 53225489 (USE FORMAT 7 FOR FULLTEXT)
**IXC's Internet Solution Chosen By Buyers United; Internet Package Features
Customized E-mail and Personal Web Space.**

Business Wire, p1024

Nov 17, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 376

... backbone and the quality and reliability of our network services."
Unveiled last month, IXC's **multi - tiered** Internet **services** have developed as a result of a solid integrated growth strategy that has included network...

...offers a comprehensive line of customer premise equipment and managed services. Corporate Web hosting and **collocation** services will be added to the offering by early next year.

"IXC has enabled us...

18/3,K/10 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05880917 Supplier Number: 53063499 (USE FORMAT 7 FOR FULLTEXT)
**Infonet Announces Partnership With Frontier GlobalCenter to Deliver Global
WebHosting Services; Service to Provide Secure, Best-in-Class Environment
for Multi-National Enterprises.**

Business Wire, p1061

Oct 7, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 305

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...announced a strategic relationship including a reseller agreement with Frontier GlobalCenter (NYSE:FRO) to offer **multi - level** Web hosting and **co - location services** .

18/3,K/11 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05839246 Supplier Number: 50350924 (USE FORMAT 7 FOR FULLTEXT)
Companies Turn To Outsourcers To Save Time And Money -- Off-Site Web Sites
Ubois, Jeff

InformationWeek, p55

Oct 12, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 1881

... they can all access servers close to home.
Pricing schemes are becoming more complex as **co - location** companies try to win new clients. Many are charging a mix of monthly fees with **pricing tiers** for **different levels** of usage. Digital Island in

Honolulu has taken that one step further by introducing pricing...

18/3,K/12 (Item 12 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05253836 Supplier Number: 48007044 (USE FORMAT 7 FOR FULLTEXT)
Outsourcing Web Sites with Co-Location Services
Ubois, Jeff
MIDRANGE Systems, p027
Sept 26, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 589

... Network Services in Seattle are reporting rapid growth, often in the double digits per month.

Co - location services do a lot more than save the cost of high-speed connections between customer (Web publisher) premises and ISPs. Most provide **several different levels** of **service** ranging from a 'Net connection and floor space for customer equipment, to full managed operation...

18/3,K/13 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02109310 SUPPLIER NUMBER: 19858558
ISPs shape up traffic. (use advanced new switches to offer tiered bandwidth and pricing options) (Company Business and Marketing)
Riggs, Brian
LAN Times, v14, n21, p1(2)
Oct 13, 1997
ISSN: 1040-5917 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: **Numerous** major ISPs are offering **tiered pricing** options and varying **levels** of bandwidth to their Web-hosting customers, often with service guarantees that add value and...

...shaping' capabilities in Ipsilon's IP switches. FastNet and InterNex will offer tiered hosting and **co - location** services beginning in Oct 1997. Digex and UUNET are using Xedia's Access Point integrated...

18/3,K/14 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01965419 SUPPLIER NUMBER: 18544814
Internet scalability. (managing growth in an organization's Web operations) (Tutorial)
Moraros, Tony
Enterprise Systems Journal, v11, n7, p39(2)
July, 1996
DOCUMENT TYPE: Tutorial ISSN: 1053-6566 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1094 LINE COUNT: 00096

... Likewise, the Internet connection is duplicated, providing site connection to a different Internet Service Provider (ISP).

Finally, a company can place **multiple** mirrored Web **servers** in different locations within a country or around the world. This **multiple**-site approach delivers an acceptable **level** of **service** to network users.

To fairly allocate network connection costs, ISPs are increasingly considering differential charges...

18/3,K/15 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04463069 Supplier Number: 56645567 (USE FORMAT 7 FOR FULLTEXT)
LUCENT TECHNOLOGIES: BTI selects Lucent & Copper Mo Mountain for DSL deployment in 50 markets.
M2 Presswire, pNA
Oct 20, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 962

... vice president at BTI. "First, we required a flexible platform with the ability to support **multiple** DSL variants. Second, to **service** customers in our **tier** II and tier III markets, BTI needed a robust IDSL solution that could reach miles...

...solution to keep pace with our aggressive roll-out plans, leveraging our 48 existing ILEC **collocations** . Copper Mountain's equipment met all of our requirements."

"The next wave of DSL deployment...

18/3,K/16 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04004925 Supplier Number: 53161402 (USE FORMAT 7 FOR FULLTEXT)
-INFONET: Infonet announces partnership with Frontier GlobalCenter to deliver global web hosting services.
M2 Presswire, pNA
Oct 30, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 862

... multi-national enterprises, today announced a strategic relationship with Frontier GlobalCenter (NYSE: FRO) to offer **multi - level** web hosting and **collocation services** .

The new Infonet service, Global Web Hosting, will use Frontier GlobalCenter's digital distribution architecture...

18/3,K/17 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

2273006 Supplier Number: 02273006 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Companies Turn To Outsourcers To Save Time And Money -- Off-Site Web Sites

(Co-location services become increasingly important for corporate IT
departments managing Web sites and finding them costly and time-consuming
)

Information Week, p 55+

October 12, 1998

DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2161

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...all access servers close to home.

photo omitted

Pricing schemes are becoming more complex as **co - location** companies try to win new clients. Many are charging a mix of monthly fees with **pricing tiers** for **different levels** of usage. Digital Island in Honolulu has taken that one step further by introducing pricing...

18/3,K/18 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01955812 46558151

Outsourcing flexes its muscles

Wreden, Nick

Informationweek n761 PP: 128-130 Nov 15, 1999

ISSN: 8750-6874 JRNL CODE: IWK

WORD COUNT: 922

...TEXT: service providers, Web-hosting and E-commerce providers, and network-integration experts, all positioned for **different** industries and offering **various levels** of **service**. The options for outsourcing include everything from soup-to-nuts transaction processing to **co - location** to pay-as-you-go application usage. For example, the off-site document-management services unit...

18/3,K/19 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01720310. 03-71300

Off-site Web sites

Ubois, Jeff

Informationweek n704 PP: 55-60 Oct 12, 1998

ISSN: 8750-6874 JRNL CODE: IWK

WORD COUNT: 1917

...TEXT: experience before expanding use, says Adobe's Scoll.

Pricing schemes are becoming more complex as **co - location** companies try to win new clients. Many are charging a mix of monthly fees with **pricing tiers** for **different levels** of usage. Digital Island in Honolulu has taken that one step further by introducing pricing...

18/3,K/20 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

08230285 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**Integral Access Partners with Leading Manufacturers for Fabrication of
PurePacket Multi-Service Telecommunications Access Platform**
BUSINESS WIRE
November 15, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 814

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and leased line connections. The PurePacket family includes carrier network equipment for Central Office (CO), **co - locations**, Points of Presence (PoP), and Multi-Dwelling Units (MDU); customer-premise equipment; and a powerful...

... applications of the future. The PurePacket family includes carrier network equipment for Central Office (CO), **co - locations**, Points of Presence (PoP), and Multi-Dwelling Units (MDU); customer-premise equipment; and a powerful...

18/3,K/21 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

07841007 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**LUCENT TECHNOLOGIES: BTI selects Lucent & Copper Mountain for DSL
deployment in 50 markets**
M2 PRESSWIRE
October 20, 1999
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 907

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... solution to keep pace with our aggressive roll-out plans, leveraging our 48 existing ILEC **collocations**. Copper Mountain's equipment met all of our requirements."

"The next wave of DSL deployment..."

18/3,K/22 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2005 Business Wire. All rts. reserv.

00122302 19991019292B0043 (USE FORMAT 7 FOR FULLTEXT)
**(LU) BTI Selects Solutions From Lucent Technologies and Copper Mountain for
DSL Deployment in 50 Markets in the Southeast; Solutions Provide BTI
Maximum Customer Coverage**
Business Wire
Tuesday, October 19, 1999 06:18 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,186

...vice president at BTI. "First, we required a

flexible platform with the ability to support **multiple** DSL variants. Second, to **service** customers in our **tier** II and tier III markets, BTI needed a robust IDSL solution that could reach miles...

...solution to keep pace with our aggressive roll-out plans, leveraging our 48 existing ILEC **collocations**. Copper Mountain's equipment met all of our requirements."

"The next wave of DSL deployment...

18/3,K/23 (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2005 Business Wire. All rts. reserv.

00093851 19990823235B0292 (USE FORMAT 7 FOR FULLTEXT)
(BIZZ) BiznessOnline.com Selects Portal; BiznessOnline.com to Support Internet Communications Services With Portal's Business Infrastructure Software
Business Wire
Monday, August 23, 1999 11:16 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 538

...com's full line of Internet communications services. Infranet enables BiznessOnline.com to offer customized **pricing** plans for **various levels** and combinations of high-speed access, dial-up access, e-commerce and **co - location** services in different regions.

Infranet's real-time flexible technology also allows BiznessOnline.com to...

18/3,K/24 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01204906 CMP ACCESSION NUMBER: IWK19991115S0044
Outsourcing Flexes Its Muscles - Technology Advances And Business Realities Fuel A New Generation Of Choices
Nick Wreden
INFORMATIONWEEK, 1999, n 761, PG128
PUBLICATION DATE: 991115
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Solutions Series
WORD COUNT: 919

... providers, Web-host- ing and E-commerce providers, and network-integration experts, all positioned for **different** industries and offering **various levels** of **service**. The options for outsourcing include everything from soup-to- nuts transaction processing to **co - location** to pay-as-you-go application usage. For example, the off-site document-management services...

18/3,K/25 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01175072 CMP ACCESSION NUMBER: IWK19981012S0039
Companies Turn To Outsourcers To Save Time And Money - Off- Site Web Sites
Jeff Ubois
INFORMATIONWEEK, 1998, n 704, PG55
PUBLICATION DATE: 981012
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Trends
WORD COUNT: 1892

... they can all access servers close to home.

Pricing schemes are becoming more complex as **co - location** companies try to win new clients. Many are charging a mix of monthly fees with **pricing tiers** for **different levels** of usage. Digital Island in Honolulu has taken that one step further by introducing pricing...

18/3,K/26 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2005 IDG Communications. All rts. reserv.

071874
Transcript of interview with James Crowe
Byline: Tim Greene
Journal: Network World
Publication Date: February 01, 1999
Word Count: 5818 Line Count: 475

Text:
...now. We're also selling private line and what you might think of as IP **collocation** hosting space in 15 cities, so we are up and running and have been since...

...Q: I guess the point I am driving at is we sort of expected a **different** look of IP **services** from **Level 3**. Is that still coming because you are still building your network?A: As I...
?

File 256:TecInfoSource 82-2005/Mar
(c) 2005 Info.Sources Inc
File 2:INSPEC 1969-2005/Apr W3
(c) 2005 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2005/Mar
(c) 2005 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Apr W4
(c) 2005 BLDSC all rts. reserv.
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Mar
(c) 2005 The HW Wilson Co.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 474:New York Times Abs 1969-2005/Apr 27
(c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Apr 27
(c) 2005 The New York Times
File 8:Ei Compendex(R) 1970-2005/Apr W3
(c) 2005 Elsevier Eng. Info. Inc.
File 94:JICST-Eplus 1985-2005/Mar W2
(c)2005 Japan Science and Tech Corp(JST)
File 6:NTIS 1964-2005/Apr W3
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Apr W3
(c) 2005 Inst for Sci Info

Set	Items	Description
S1	729	WEB()SERVER() (FARM OR FARMS OR CLUSTER?) OR WSF
S2	7980	SERVER?(3N) (MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS)
S3	6	S2(5N) (ISP OR INTERNET()SERVICE()PROVIDER?)
S4	16916	COLLOCATION? OR CO()LOCATION?
S5	2160	(ONLINE OR ON()LINE OR AUTOMAT? OR COMPUTERI? OR ELECTRONI- C?) (5N) (AUCTION? OR DUTCHAUTION? OR (DUTCH OR REVERSE OR ENG- LISH) ()AUCTION?)
S6	2602	(ONLINE OR ON()LINE OR AUTOMAT? OR COMPUTERI? OR ELECTRONI- C?) (5N) (NEGOTIATION? OR BID OR BIDS OR BIDDING)
S7	25561	SERVICE?(5N) (LEVEL OR LEVELS OR HIEARCH? OR TIER?)
S8	32302	(PRICE? OR PRICING OR COST OR COSTS OR PAYMENT?) (5N) (LEVEL OR LEVELS OR HIEARCH? OR TIER?)
S9	4033	(S7 OR S8) (5N) (VARIOUS OR DIFFERENT OR MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS)
S10	7186	AU=(BANSAL, V? OR BANSAL V? OR GARG, R? OR GARG R? OR AFZU- LPURKAR, A? OR AFZULPURKAR A? OR SEN, S? OR SEN S?)
S11	17651	S1 OR S3 OR S4
S12	1	S11 AND (S5 OR S6)
S13	6	S11 AND S9
S14	6	S13 NOT S12

12/5/1 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09415258

Jain Internet plans RS 120cr expansion
INDIA: JAIN INTERNET TO EXPAND TO 80 CITIES
The Economic Times (YZY) 27 Nov 2000 Online
Language: ENGLISH

An allocation of RS 120 crore has been set aside by Jain Internet, India's free Internet service provider (ISP), for expansion of its service to 80 non-metro municipalities by end-2001. Instead of its current free services, the Indian ISP will introduce paid services to the targeted 80 cities. To facilitate Web-hosting and **co - location** services, Jain Internet is also developing a data hub at greater Noida. In addition, the ISP is set to debut a payment gateway in December 2000. In a **bid** to ramp up **online** transactions, Jain Internet will gradually transform its existing credit card-based payment platform to direct bank credit and debit for online shoppers.

COMPANY: JAIN INTERNET

EVENT: Product Design & Development (33); Plant/Facilities/Equipment (44); Company Formation (12); Company Formation (14);
COUNTRY: India (9IND);

14/5/1 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00129677 DOCUMENT TYPE: Review

PRODUCT NAMES: Storage Service Providers (844501)

TITLE: Answering The Co - Location Storage Question
AUTHOR: Schaffer, Jason
SOURCE: Computer Technology Review, v21 n3 p54(2) Mar 2001
ISSN: 0287-9647
HOMEPAGE: <http://www.westworldproductions.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

There are four different levels of service available in the co - location service industry: basic, with bandwidth, managed service providers, and hosted service providers. Co - location services allow companies to easily plug into storage utilities so that the enterprise can 'focus on core business competencies and dramatically mitigate the overall costs of maintaining an infrastructure at 99.99 percent or higher uptime.' Basic co - location service providers offer only facility-based products, including racks, power, and network cross-connections. No site monitoring or egress bandwidth is provided. The providers infrequently have direct relationships with storage service providers (SSPs), but usually will refer customers who request an SSP. Providers of co - location with bandwidth include Level3 and UUNet,. They provide data center and network access solutions, including network and facility monitoring, but not bundled storage or other services. Management service providers (MSPs) such as SiteSmith and Exodus provide all Internet infrastructure services required by a business under one merged service level agreement and with one monthly invoice. MSPs want to own the relationship with the customer for all services, but are aware of the cost of storage and the need for specialized storage expertise. SSPs are better able to stay abreast of new storage technology developments. Hosted service providers such as LoudCloud and Intira 'provision' customers into a centrally managed infrastructure, including co - location space, network capacity, server capacity, monitoring, and storage infrastructure.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: MSP (Management Service Providers); Outsourcing; Storage Management
REVISION DATE: 20010730

14/5/2 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

8168039 INSPEC Abstract Number: B2004-12-6210L-258, C2004-12-5620W-151
Title: Adaptive server partition for service level agreements in cluster-based Web server
Author(s): Injae Jang; Changyeol Choi; Kiejn Park; Sungsoo Kim
Author Affiliation: Graduate Sch. of Inf. & Commun., Ajou Univ., Suwon, South Korea
Conference Title: Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'2003)

Part vol.2 p.671-6 vol.2

Editor(s): Arabnia, H.R.; Mun, Y.

Publisher: CSREA Press, Las Vegas, NV, USA

Publication Date: 2003 Country of Publication: USA 4 vol. 1963 pp.

Material Identity Number: XX-2003-03403

Conference Title: International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'2003)

Conference Date: 23-26 June 2003 Conference Location: Las Vegas, NV, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: As the Web sites provide more complex and critical services, which are business-oriented services, it is necessary to support not only quantity of service but also quality of service (QoS) in the Web server. Also, the need of differentiated classes of users and services is growing larger than ever. To enable differentiated services in the Web server, the mechanism for delivering end-to-end QoS is needed. We focus on solutions for providing QoS support in cluster platforms with multiple server nodes that host a single Web site. In the paper, we present a new server partition mechanism (AdaptivePart) for differentiated service in **Web server cluster**. Our method enables the Web server to guarantee **service level** agreements (SLAs) for **different** classes of users and Web services. Through the simulations using realistic workload models, we demonstrate that the proposed scheme is able to guarantee an SLA of users with higher priority class, especially when the system is heavily loaded.

(11 Refs)

Subfile: B C

Descriptors: Internet; performance evaluation; quality of service; workstation clusters

Identifiers: Web sites; business-oriented services; quality of service; QoS; differentiated services; adaptive server partition mechanism; **Web server cluster**; service level agreements; distributed system

Class Codes: B6210L (Computer communications); C5620W (Other computer networks); C6150N (Distributed systems software); C5670 (Network performance)

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14/5/3 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

7785891 INSPEC Abstract Number: B2003-12-6150M-124

Title: **MPFI: the multi-provider network federation interface for interconnected optical networks**

Author(s): Tomic, S.; Jukan, A.

Author Affiliation: Inst. of Commun. Networks, Vienna Univ. of Technol., Austria

Conference Title: GLOBECOM'02 - IEEE Global Telecommunications Conference. Conference Record (Cat. No.02CH37398) Part vol.3 p.2365-9 vol.3

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2002 Country of Publication: USA 3 vol.xliv+3003 pp.

ISBN: 0 7803 7632 3 Material Identity Number: XX-2003-00438

U.S. Copyright Clearance Center Code: 0-7803-7632-3/02/17.00

Conference Title: GLOBECOM 2002 - IEEE Global Communications Conference

Conference Date: 17-21 Nov. 2002 Conference Location: Taipei, Taiwan

Medium: Also available on CD-ROM in PDF format

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T); Experimental (X)

Sylvia Keys

28-Apr-05 02:59 PM

Abstract: This paper focuses on the issue of end-to-end service accommodation on the interfaces between user networks and multi-provider, multi-strategy optical transport network domains. We propose a new, multipoint-to-multipoint artifact called multi-provider federation interface (MPFI), which we believe is a valid architectural alternative to the UNI/NNI concept, if inter-domain administration, **multiple service level** agreements (SLA), as well as heterogeneity in network infrastructure characterize service provisioning. Two evolutionary scenarios for MPFI implementation are considered. In the first scenario, multiple networks create a federation, for which the **collocation** points are dictated by the physical topology of each single domain. For that scenario, we study the policy-based provisioning, given a choice of candidate domains to perform the provision. In the second scenario, we study the case where one large network domain splits into smaller domains along the same physical topology, while keeping the federated operation. In such scenario, we study the optimal placement of multi-provider interfacing points. Based on the solution for optimal MPFI installation, we finally analyze the improvement in blocking performance of the so-called end-to-end path provisioning crossing multiple provider domains based on WDM, with particular policy-based requirements on service accommodation. (8 Refs)

Subfile: B

Descriptors: network topology; optical fibre networks; optimisation; protocols; quality of service; wavelength division multiplexing

Identifiers: MPFI; multi-provider network federation interface; interconnected optical networks; end-to-end service accommodation; user network interfaces; multi-provider optical transport network; multi-strategy optical transport network; multipoint-to-multipoint artifact; inter-domain administration; **multiple service level** agreements; SLA; network infrastructure heterogeneity; service provisioning; topology; policy-based provisioning; optimal placement; blocking performance; path provisioning; WDM

Class Codes: B6150M (Protocols); B6260F (Optical fibre networks)

Copyright 2003, IEE

14/5/4 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

7406547 INSPEC Abstract Number: C2002-11-5620W-099

Title: Trade-offs in designing Web clusters

Author(s): Menasce, D.A.

Author Affiliation: George Mason Univ., Fairfax, VA, USA

Journal: IEEE Internet Computing vol.6, no.5 p.76-80

Publisher: IEEE,

Publication Date: Sept.-Oct. 2002 Country of Publication: USA

CODEN: IICOFX ISSN: 1089-7801

SICI: 1089-7801(200209/10)6:5L:76:TODC;1-M

Material Identity Number: F277-2002-005

U.S. Copyright Clearance Center Code: 1089-7801/02/\$17.00

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: High-volume Web sites often use clusters of servers to support their architectures. A load balancer in front of such clusters directs requests to the various servers in a way that equalizes, as much as possible, the load placed on each. There are two basic approaches to scaling Web clusters: adding more servers of the same type (scaling out, or horizontally) or upgrading the capacity of the servers in the cluster (scaling up, or vertically). Although more detailed and complex models would be required to obtain more accurate results about such systems' behavior, simple queuing theory provides a reasonable abstraction level to

shed some insight on which scaling approach to employ in various scenarios. Typical issues in Web cluster design include: whether to use a large number of low-capacity inexpensive servers or a small number of high-capacity costly servers to provide a given performance level; how many servers of a given type are required to provide a certain performance level at a given cost; and how many servers are needed to build a Web site with a given reliability. Using queuing theory, I examine the average response time, capacity, cost, and reliability tradeoffs involved in designing Web server clusters. (8 Refs)

Subfile: C

Descriptors: fault tolerant computing; file servers; information resources; Internet; queueing theory; resource allocation

Identifiers: Web server cluster design trade-offs; queuing theory; average response time; capacity; cost; reliability; high-volume Web sites; load balancing

Class Codes: C5620W (Other computer networks); C7210N (Information networks); C5630 (Networking equipment); C6150N (Distributed systems software); C1140C (Queueing theory); C5670 (Network performance)

Copyright 2002, IEE

14/5/5 (Item 1 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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06792140 E.I. No: EIP04148099380

Title: Adaptive server partition for service level agreements in cluster-based web server

Author: Jang, Injae; Choi, Changyeol; Park, Kiejin; Kim, Sungsoo

Corporate Source: Grad. Sch. of Info. and Commun. Ajou University, Suwon, South Korea

Conference Title: Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications

Conference Location: Las Vegas, NV, United States Conference Date: 20030623-20030626

Sponsor: Computer Science Research, Education, and Applications Press; International Technology Institute (ITI); Korean Society for Internet Information (KSII); World Academy of Sciences for Information Technology (WAS)

E.I. Conference No.: 62564

Source: Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications v 2 2003.

Publication Year: 2003

ISBN: 1892512416

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 0404W2

Abstract: As the Web sites provide more complex and critical services, which are business-oriented services, it is necessary to support not only quantity of service but also quality of service (QoS) in the Web server. Also, the need of differentiated classes of users and services is growing larger than ever. To enable differentiated services in the Web server, the mechanism for delivering end-to-end QoS is needed. We focus on solutions for providing QoS support in cluster platforms with multiple server nodes that host a single Web site. In the paper, we present a new server partition mechanism (AdaptivePart) for differentiated service in Web server cluster. Our method enables the Web server to guarantee Service Level Agreements (SLAs) for different classes of users and Web services. Through the simulations using realistic workload models, we demonstrate that the proposed scheme is able to guarantee an SLA of users

with higher priority class, especially when the system is heavily loaded.
11 Refs.

Descriptors: *World Wide Web; Servers; Websites; Quality of service;
Computer simulation; Performance; Evaluation

Identifiers: Distributed systems; Service differentiation; **Web server cluster**

Classification Codes:

723.5 (Computer Applications)

723 (Computer Software, Data Handling & Applications)

72 (COMPUTERS & DATA PROCESSING)

14/5/6 (Item 2 from file: 8)

DIALOG(R)File 8: Ei Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

06365157 E.I. No: EIP03177448557

Title: MPFI: The multi-provider network federation interface for interconnected optical networks

Author: Tomic, Slobodanka; Jukan, Admela

Corporate Source: Vienna University of Technology Institute of Communication Networks, A-1040 Vienna, Austria

Conference Title: GLOBECOM'02 - IEEE Global Telecommunications Conference

Conference Location: Taipei, Taiwan Conference Date: 20021117-20021121

Sponsor: Technical Committees of IEEE

E.I. Conference No.: 60925

Source: Conference Record / IEEE Global Telecommunications Conference v 3 2002. p 2365-2369 (IEEE cat n 02CH37398)

Publication Year: 2002

CODEN: CRIEET

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 0305W1

Abstract: This paper focuses on the issue of end-to-end service accommodation on the interfaces between user networks and multi-provider, multi-strategy optical transport network domains. We propose a new, multipoint-to-multipoint artifact called Multi-provider Federation Interface (MPFIs), which we believe is a valid architectural alternative to UNI/NNI concept, if inter-domain administration, **multiple Service Level** Agreements (SLAs), as well as heterogeneity in network infrastructure characterize service provisioning. Two evolutionary scenarios for MPFI implementation are considered. In the first scenario, multiple networks create a federation, for which the **collocation** points are dictated by the physical topology of each single domain. For that scenario, we study the policy-based provisioning, given a choice of candidate domains to perform the provision. In the second scenario, we study the case where one large network domain splits into smaller domains along the same physical topology, while keeping the federated operation. In such scenario, we study the optimal placement of multi-provider interfacing points. Based on the solution for optimal MPFI installation, we finally analyze the improvement in blocking performance of the so-called end-to-end path provisioning crossing multiple provider domains based on WDM, with particular, policy-based requirements on service accommodation.
8 Refs.

Descriptors: *Telecommunication networks; Interconnection networks; Wavelength division multiplexing; Telecommunication traffic; Network protocols

Identifiers: Optical networks

Classification Codes:

716 (Electronic Equipment, Radar, Radio & Television); 723 (Computer Software, Data Handling & Applications)

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIQ Nov 1976-2004/Dec(Updated 050405)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200526
(c) 2005 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2005/Apr W03
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050421,UT=20050414
(c) 2005 WIPO/Univentio
File 331:Derwent WPI First View UD=200526
(c) 2005 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	264	WEB()SERVER()(FARM OR FARMS OR CLUSTER?) OR WSF
S2	24550	SERVER?(3N)(MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS)
S3	107	S2(5N)(ISP OR INTERNET()SERVICE()PROVIDER?)
S4	1068	COLLOCATION? OR CO()LOCATION?
S5	1992	(ONLINE OR ON()LINE OR AUTOMAT? OR COMPUTERI? OR ELECTRONI- C?) (5N)(AUCTION? OR DUTCHAUTION? OR (DUTCH OR REVERSE OR ENG- LISH) ()AUCTION?)
S6	1891	(ONLINE OR ON()LINE OR AUTOMAT? OR COMPUTERI? OR ELECTRONI- C?) (5N)(NEGOTIATION? OR BID OR BIDS OR BIDDING)
S7	13733	SERVICE?(5N)(LEVEL OR LEVELS OR HIEARCH? OR TIER?)
S8	10422	(PRICE? OR PRICING OR COST OR COSTS OR PAYMENT?) (5N)(LEVEL OR LEVELS OR HIEARCH? OR TIER?)
S9	3360	(S7 OR S8) (5N)(VARIOUS OR DIFFERENT OR MULTI OR MULTIPL? OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR NUMEROUS)
S10	272	AU=(BANSAL, V? OR BANSAL V? OR GARG, R? OR GARG R? OR AFZU- LPURKAR, A? OR AFZULPURKAR A? OR SEN, S? OR SEN S?)
S11	1430	S1 OR S3 OR S4
S12	24	S11 AND (S5 OR S6)
S13	8	S12 AND S9
?		

13/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00943767 **Image available**

**SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT
SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION
DE CHAINE D'APPROVISIONNEMENT**

Patent Applicant/Assignee:

RESTAURANT SERVICES INC, Two Alhambra Plaza, Suite 500, Coral Gables, FL
33134-5202, US, US (Residence), US (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

HOFFMANN George Harry, Restaurant Services, Inc., Two Alhambra Plaza,
Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US
(Nationality), (Designated only for: US)

BURK Michael James, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

MENNINGER Anthony Frank, Restaurant Services, Inc., Two Alhambra Plaza,
Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US
(Nationality), (Designated only for: US)

GREENE Edward Arthur, Restaurant Services, Inc., Two Alhambra Plaza,
Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US
(Nationality), (Designated only for: US)

SMITH Mark Alan, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

TOMAS-FLYNN Martha Helen, Restaurant Services, Inc., Two Alhambra Plaza,
Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US
(Nationality), (Designated only for: US)

REECE Debra Gayle, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

SECHRIST Daniel, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

EKEY Diane Karen, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

RUEFF Mark Patrick, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

BARNETT John B, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500,
Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

RODRIGUEZ Wendy, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

MARKS Stephen Patrick, Restaurant Services, Inc., Two Alhambra Plaza,
Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US
(Nationality), (Designated only for: US)

FOURAKER William Vance, Restaurant Services, Inc., Two Alhambra Plaza,
Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US
(Nationality), (Designated only for: US)

HYATT James F II, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

DIAZ Adriana Maria, Restaurant Services, Inc., Two Alhambra Plaza, Suite
500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality),
(Designated only for: US)

KIRSCHENBAUM Laurence Joseph, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)

BESSETTE Robert John, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)

GEHMAN Anson Jerome, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)

MOR Richardo, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)

BURNS Michael Paul, Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:
ELLIS William T (et al) (agent), Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5109, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200277917 A1 20021003 (WO 0277917)
Application: WO 2002US8287 20020319 (PCT/WO US02008287)
Priority Application: US 2001816567 20010322; US 2001815598 20010323; US 2001816565 20010323; US 2001816488 20010323; US 2001816426 20010323; US

2001815899 20010323; US 2001816507 20010323; US 2001816422 20010323; US
 2001816269 20010323; US 2001816491 20010323; US 2001816101 20010323; US
 2001816231 20010323; US 2001816421 20010323; US 2001816069 20010323; US
 2001816296 20010323; US 2001816249 20010323; US 2001816121 20010323; US
 2001815668 20010323; US 2001816187 20010323; US 2001815490 20010323; US
 2001816471 20010323; US 2001815606 20010323; US 2001815777 20010323; US
 2001815813 20010323; US 2001816429 20010323; US 2001815515 20010323; US
 2001816543 20010323; US 2001816349 20010323; US 2001816331 20010323; US
 2001816167 20010323; US 2001816881 20010323; US 2001816536 20010323; US
 2001816092 20010323; US 2001816576 20010323; US 2001815759 20010323; US
 2001816495 20010323; US 2001816976 20010323; US 2001816083 20010323; US
 2001815715 20010323; US 2001815989 20010323; US 2001816561 20010323; US
 2001815483 20010323; US 2001816553 20010323; US 2001815688 20010323; US
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 2001816537 20010323; US 2001816434 20010323; US 2001815897 20010323; US
 2001815734 20010323; US 2001816431 20010323; US 2001816021 20010323; US
 2001816454 20010323; US 2001816413 20010323; US 2001816430 20010323; US
 2001816428 20010323; US 2001815830 20010323; US 2001816922 20010323; US
 2001815489 20010323; US 2001816048 20010323; US 2001815727 20010323; US
 2001816212 20010323; US 2001815660 20010323; US 2001815894 20010323; US
 2001816151 20010323; US 2001816582 20010323; US 2001816033 20010323; US
 2001816357 20010323; US 2001816420 20010323; US 2001815731 20010323; US
 2001816503 20010323; US 2001816160 20010323; US 2001815893 20010323; US
 2001816414 20010323; US 2001815792 20010323; US 2001815864 20010323; US
 2001816896 20010323; US 2001815725 20010323; US 2001816285 20010323; US
 2001815973 20010323; US 2001815845 20010323; US 2001816314 20010323; US
 2001816075 20010323; US 2001816944 20010323; US 2001815559 20010323; US
 2001816203 20010323; US 2001816567 20010323; US 2001816268 20010323; US
 2001816424 20010323; US 2001816564 20010323; US 2001816455 20010323; US
 2001816412 20010323; US 2001815590 20010323; US 2001816555 20010323; US
 2001816560 20010323; US 2001816427 20010323; US 2001834600 20010413; US
 2001834838 20010413; US 2001834924 20010413; US 2001834465 20010413

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 114107

Fulltext Availability:

Detailed Description

Detailed Description

... embodiment of the present

invention;

Figure 43A is a flowchart of a process for an **auction** function utilizing a netw.ork-based supply chain management framework in accordance with an embodiment...different functions (e.g. franchisees, distributors, suppliers, the supply chain coordinator, retail management, etc.) and **different** organizations within a given function. The more flexible the system, the easier it is for...s perspective.

I
Make it quick and easy X
Give me a single logon with **multiple** X X
community access.

Ability to select access rights for all levels X
If you...can host the web portal itself, co-locate the portal servers at
an ISP offering **co - location** services, or completely outsource the
portal management solution (network and servers) to a managed service...

13/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00864262

**WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING
GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING
INGENIERIE CELLULAIRE COMPLETE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE
D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT
REPETITION**

Patent Applicant/Assignee:

DIVERSA CORPORATION, 4955 Directors Place, San Diego, CA 92121, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SHORT Jay M, 6801 Paseo Delicias, P.O. Box 7214, Rancho Santa Fe, CA
92067-7214, US, US (Residence), US (Nationality), (Designated only for:
US)

Legal Representative:

HAILE Lisa A (agent), Gray Cary Ware & Freidenrich LLP, Suite 1100, 4365
Executive Drive, San Diego, CA 92121-2133, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200196551 A2-A3 20011220 (WO 0196551)

Application: WO 2001US19367 20010614 (PCT/WO US0119367)

Priority Application: US 2000594459 20000614; US 2000677584 20000930

Parent Application/Grant:

Related by Continuation to: US 2000594459 20000614 (CIP); US 2000677584
20000930 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Publication Language: English

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13/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00851775 **Image available**

ADVANCED ASSET MANAGEMENT SYSTEMS

SYSTEMES DE GESTION D'AVOIRS PERFECTIONNES

Patent Applicant/Assignee:

VIRTUAL ASSETS INCORPORATED, 10387 Eclipse Way, Columbia, MD 21044, US,
US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

ZAMBRZYCKI John V, 1123 King Street, Redwood City, CA 94061, US, US
(Residence), US (Nationality), (Designated only for: US)
JACKSON Christopher K, 10387 Eclipse Way, Columbia, MD 21044, US, US
(Residence), US (Nationality), (Designated only for: US)
CHOIE Carolyn H, 1123 King Street, Redwood City, CA 94061, US, US
(Residence), NZ (Nationality), (Designated only for: US)
LAYMAN Kevin W, 1123 King Street, Redwood City, CA 94061, US, US
(Residence), US (Nationality), (Designated only for: US)
NEWMAN Edward J Jr, 1919 Prairie Square, Apt. 116, Schaumburg, IL 60173,
US, US (Residence), US (Nationality), (Designated only for: US)
RICHARDSON David E Jr, 1123 King Street, Redwood City, CA 94061, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PRIDDY Robert (et al) (agent), Hall, Priddy, Myers & Vande Sande, 10220
River Road, Suite 200, Potomac, MD 20854, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200184906 A2-A3 20011115 (WO 0184906)
Application: WO 2001US15283 20010511 (PCT/WO US0115283)
Priority Application: US 2000569023 20000511

Designated States:

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 124618

Fulltext Availability:

Detailed Description

Detailed Description

... established to facilitate a bid between competing bidders.

Figure 184 shows an example of the **automatic** establishment and
operation of a **bid** escrow account within a bid pool.

Figure 185 shows an example of a primary account...account to make a bid
at an auction site would have the advantage that his **bid** could be
automatically increased, within allowable preset limits, an advantage
not provided by standard credit cards or other...

...available), a bid in which bidders are allowed to solicit changes to the
constraints, or **bids** which can be **automatically** or manually adjusted
dependent ...s), or by the currently selected winning b(inverted
exclamation mark)dder(s). Thus, a **bid** pool can be used to
automatically guarantee that the required winning assets are available
before determining that a winning bid has...example right: be a
person-toperson commerce transaction for a purchase made on an Internet

auCTION site that
134

automatically releases funds subsequent to a delivery notification by a shipper such as UPS or FedEx...hosted on separate computers, one may be available even when the other is not.

However, co - location of the components improves system stability at the cost of scalability- and fault-tolerance: a...many things, including but not limited to seeking out the best prices from multiple sellers, automating participation in an auCTION , automating the purchasing or selling of securities, negotiating the terms and conditions of contracts, bartering for...

13/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00836144 **Image available**

NETWORKED INTERACTIVE TOY SYSTEM

SYSTEME DE JOUETS INTERACTIFS EN RESEAU

Patent Applicant/Assignee:

CREATOR LTD, 16 Basel Street, 49001 Petach Tikva, IL, IL (Residence), IL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

GABAI Oz, 156 Jabotinsky Street, 62330 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

GABAI Jacob, 14 Klee Street, 62336 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

SANDLERMAN Nimrod, 44 Churgin Street, 52356 Ramat Gan, IL, IL (Residence), IL (Nationality), (Designated only for: US)

WEISS Nathan, 7A Meltzer Street, 76285 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only for: US)

VECHT-LIFSCHITZ Susan Eve, c/o Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only for: US)

PFEFFER Zvika, 10 Bezalel Street, 64683 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

Legal Representative:

SANFORD T COLB & CO (agent), COLB, Sanford, T. , P.O. Box 2273, 76122 Rehovot (et al), IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200169830 A2-A3 20010920 (WO 0169830)

Application: WO 2001IL248 20010314 (PCT/WO IL0100248)

Priority Application: US 2000189914 20000316; US 2000189915 20000316; US 2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US 2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US 2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US 2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US 2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US 2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US 2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US 2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US 2000200508 20000428; US 2000200513 20000428; US 2000200639 20000428; US 2000200640 20000428; US 2000200641 20000428; US 2000200647 20000428; US 2000203175 20000508; US 2000203177 20000508; US 2000203182 20000508; US 2000203244 20000508; US 2000204201 20000515; US 2000204200 20000515; US 2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US 2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US 2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US 2000212696 20000619; US 2000215360 20000630; US 2000216237 20000705; US

2000216238 20000705; US 2000217357 20000712; US 2000219234 20000718; US
2000220276 20000724; US 2000221933 20000731; US 2000223877 20000808; US
2000227112 20000822; US 2000229371 20000830; US 2000229648 20000831; US
2000231105 20000908; US 2000231103 20000908; US 2000234883 20000925; US
2000234895 20000925; US 2000239329 20001010; US 2000253362 20001127; US
2000250332 20001129; US 2000254699 20001211; US 2001267350 20010208

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 189040

Fulltext Availability:

Detailed Description

Detailed Description

... used to aid in the teaching of a second or foreign language in an individual.

Computerized learning and teaching courses are known. Many packages exist for learning languages, mathematics, sciences, general...

...in modularized standardized units. Students pay per module of learning using a credit/point system.

Electronic diaries, which can be connected up to computer systdins, are well known (pahnTM and the like...purchase goods and/or services or to offer goods and services for sale via an **online** (web based) **auction** system. The toy acts as an intermediary in the auction system - either as an auctioneer...in process of suggesting and finding appropriate items and to encourage user to participate in **reverse auction** activities.

20. Toy aids users who do not like to or cannot use the internet...number of users participate; the toys inform the users of what is occurring in the **on - line**

auction and allows the users to adjust their bids;

Fig. 124 is an illustration of an...a particular movie. I

Such a system encourages users to bring their toys to specific **locations**, in order to obtain discounts. Such an interactive toy system receives a fee or commission...and/or the seller a fee for negotiating the deal. This can be extended to **online auctions** or any other kind of **online** sales strategy. Fig. 8 shows how the system uses other users and their toys as...elements 'to the currently running conversation. An interactive toy may thus be able to push **many** products and or **services**, which were nothing to do with user conversation responses.

In a preferred embodiment of the...cn

w
cn
0

cn C)
0
cn
4
C> C:)
cn
cn
r--4
co
121
cf)
ct
tj
as
cd
C>
00 00
rA
al
cn
4-4
Cd...

13/3,K/5 (Item 5 from file: 349)
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00822246 **Image available**

MANAGING PRINT JOBS

GESTION D'IMPRESSIONS

Patent Applicant/Assignee:

VISTAPRINT USA INC, 204 Second Avenue, Waltham, MA 02451, US, US
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

KEANE Robert, 24 Langley Road, Arlington, MA 02474, US, US (Residence),
US (Nationality), (Designated only for: US)

ROBERTSON Erik, 29, rue Erard, F-75012 Paris, FR, FR (Residence), CA
(Nationality), (Designated only for: US)

CURSO Sebastien, Quartier Subrane, F-83440 Montauroux, FR, FR
(Residence), FR (Nationality), (Designated only for: US)

Legal Representative:

FEIGENBAUM David L (agent), Fish & Richardson, P.C., 225 Franklin Street,
Boston, MA 02110-2804, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200155869 A1 20010802 (WO 0155869)

Application: WO 2001US2165 20010123 (PCT/WO US0102165)

Priority Application: FR 2000931 20000125; US 2000557571 20000425

Parent Application/Grant:

Related by Continuation to: US 2000931 20000125 (CON); US 2000557571
20000425 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 14838

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... method including offering the printing of discrete print jobs to customers in at least two **different service levels**, one of the **service levels** including printing the print jobs free ...firms. The printing firm to which the data is sent may be selected by an **automated bidding** process, which will

26

be described below. The digital data is then used to make...this amount of visits simply by adding more servers.

The servers are arranged in a " **web server farm** ", i.e., all of the servers used are strictly identical, and the system architecture is...

...continue to be split proportionally among the servers after one is added, removed or replaced.

Automated Bidding Exchange for Printing Services

As shown in Fig. 1, the web server host has supplier relationships...

...files for each layout. The program fills customer orders by purchasing printing services based on **automated** real time **bidding** of commodity costs (i.e., paper and ink costs and/or depreciation). The printing firms ...

Claim

... method comprising
offering the printing of discrete print jobs to customers in at least two **different service levels**,
one of the **service levels** comprising printing the print jobs free for the customers, another of the service levels comprising...

13/3,K/6 (Item 6 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00761423

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR EFFECTIVELY CONVEYING WHICH COMPONENTS OF A SYSTEM ARE REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE POUR L'ACHEMINEMENT EFFICACE DES COMPOSANTS D'UN SYSTEME NECESSAIRES A LA MISE EN PRATIQUE D'UNE TECHNOLOGIE

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,

Sylvia Keys

28-Apr-05 10:51 AM

BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,
Legal Representative:
BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
Minneapolis, MN 55402-0903, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200073929 A2 20001207 (WO 0073929)
Application: WO 2000US14457 20000524 (PCT/WO US0014457)
Priority Application: US 99321136 19990527
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
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Fulltext Word Count: 150133

Fulltext Availability:
Detailed Description

Detailed Description

... with one
embodiment of the present invention;
Figure 28 is a flowchart illustrating the network **services** in
accordance with one
embodiment of the present invention;
Figure 29 is a flowchart illustrating...
...embodiment of the present invention; and
Figure 36 is a flowchart illustrating the web developer **services** in
accordance with one embodiment of the present invention.

DISCLOSURE OF EWENTION

The present invention...and
Directory Servers, LiveWire Pro and Informix database.

21

@WK114111#4

Product2 IS Targeted for **internet service providers** , Business1's
Product2

1.11 **ISP Server** provides users with a bundle of platform extensions
Bundle including the following.

Internet Administrator -- provides...content management, data access, and
session management
capabilities.

Business2 also offers FastTrack Server - an entry- **level**
enterprise server with limited ftinctionality.

Business2 A middleware infrastructure that supports the development
Application and...

...27

ness2 Process Manager - Enables enterprises to automate and modify business processes such as contract **negotiation**, **bidding** and contractor management. Business2 Process Manager supports the development and deployment of processes across extranets...a) Operations Level Agreement Management
The Environment Management team is responsible for providing the specified **level** of **service**, but frequently relies on external vendors and suppliers to perform certain tasks.

For example, hardware...and such tools are discussed under Tools
- System Building - Analysis & Design
The design process includes **numerous** activities, which range from high-**level** general considerations to low-level detailed issues. The overall objective of design is to transform...0 Service level test - ensures that once the application is rolled out, it provides the **level** of **service** to the users as specified in the Service Level Agreement (SLA).

0 Roll out verification...Problem Management function. However, this adds complexity to the solution, and may increase communications requirements / **costs**.

How **many** incident support **levels** will be in place, and how expert will the Incident
I 0 Managementfunction be?
This...for services and equipment provided in accordance with agreed upon SLAs. As part of this **payment** process Billing & Accounting reconciles bills from **service** providers against monitored costs and SLA/OLA violations.

Systems Management Planning (1330)
Cal2acily Modeling and...

13/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00761422

BUSINESS ALLIANCE IDENTIFICATION

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,
P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

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Application: WO 2000US14375 20000524 (PCT/WO US0014375)
Priority Application: US 99320816 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
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Publication Language: English

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Fulltext Word Count: 149371

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... and administration and remote access.

The Internet News Server is a component of the Product2 **ISP Server** suite.

Forum Workgroup collaboration tools that allow users to communicate in a heterogeneous environment of...provides the interface between the Environment Management team, the Development teams, and external vendors or **service** providers. It manages the **level** of **service** that is provided to the developers. In order to maintain this service, three areas must...the Architecture team responsible for all ripple effects and have them implement all the application **level** changes that result from an architecture modification.

Problem Management (212)

Problem Management is generally associated...Effective information management beyond repository management is required to ensure that the anticipated benefits of **electronic** mail and teamware materialize.

For example, certain teamware databases require continuous maintenance in order to...Problem Management function. However, this adds complexity to the solution, and may increase communications requirements / **costs** .

How **many** incident support **levels** will be in place, and how expert will the Incident Management function be?
This will depend...

Claim

... rtisement & Lead Generation & & Miscellaneous8

! C as I Texl@onlyr R riding

1404 Promotion opabiliti Referral **On - line** R Legal Services Capabilities

Auction Capabilitie Staging & Doplorymj

Tools

Common Web Services

atis Services Integration Capabilities Miscallara

Data Access Adopters...

13/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00456834 **Image available**

Sylvia Keys

28-Apr-05 10:51 AM

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY
COMMUNICATION
SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR
RESEAU COMMUTE

Patent Applicant/Assignee:

MCI WORLDCOM INC,

Inventor(s):

ZEY David A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

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(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

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Fulltext Availability:

Detailed Description

Detailed Description

... customer access, widespread commercial opportunities, and fosters a
new role for successful
telecommunications companies. The **ISP** platform offers **many** features
which can be applied or reapplied from telephony to the Internet. These
include access...Services are deployed
and updated through the Marketable Service Gateway 2128. This is
actually no **different** than the Management **Service** Gateway 2130,
except
that the services created and deployed through here are for external
customers...shows the sequence of events leading to a successful login.

1. Welcome Server 450.

This **Web Server** runs both the secure and normal HTTP daemons. The
primary function of this server is...to support this feature by version
number (or, alternatively, this could be a matter for **online**
negotiation between the IP telephony software packages).

In the event of collect calls (assuming the caller...for passing voice
between PSTN to Internet gateways is entirely under the carrier's
control.

Various service levels could be offered by varying the compression
levels offered. **Different** charges could associated with each **level**.
The caller **services** first.

6 3

(1) Domestic Destination

Neither the calling nor the called parties need be...

?